



經濟部標準檢驗局

THE BUREAU OF STANDARDS, METROLOGY AND INSPECTION
MINISTRY OF ECONOMIC AFFAIRS, REPUBLIC OF CHINA

TEST REPORT

Report Number: 9A300000349

Application Date: 07 Mar 2011

Issue Date: 04 May 2011

Laboratory: Sixth Division

Address: 4 Chinan Road, Section 1, Taipei, 100, Taiwan

Applicant: CHANG YOUNG PLASTICS CO., LTD

Address: (Null)

Product: PLASTIC WATER BOTTLE(PCTG)(Tritan)

Specifications: PCTG(Tritan)

Model: (Null)

Results of the test are detailed in the attached page(s) and apply only to the sample(s) tested.
This test report contains 3 pages and cannot be reproduced, except in full, without the
written approval of the laboratory.

JJ. Chen

Signatory of Report

H.C. Hsieh

Head of Laboratory

H.C. Hsieh (2)

Authorized Signatory - Director General

The Bureau of Standards, Metrology and Inspection

經濟部標準檢驗局

TEL(02)2343-1700

FAX:(02)2393-2324

臺北市濟南路1段4號

<http://www.bsmi.gov.tw>

THE BUREAU OF STANDARDS, METROLOGY AND INSPECTION

MINISTRY OF ECONOMIC AFFAIRS, REPUBLIC OF CHINA

4 CHINAN ROAD, SECTION 1, TAIPEI, 100, TAIWAN



BUREAU OF STANDARDS, METROLOGY & INSPECTION
MINISTRY OF ECONOMIC AFFAIRS
REPUBLIC OF CHINA

Application : 9A300000349

Applicant : CHANG YOUNG PLASTICS CO., LTD

Product : PLASTIC WATER BOTTLE(PCTG)(Tritan)

Specifications : PCTG(Tritan)

Model : (NULL)

Application Date : 7 Mar 2011

Completion Date : 2 May 2011

Test Items	Results
Leaching test :	
A01 Consumption of potassium permanganate (Distilled water, 95°C, 30min)	Less than 1.0 ppm
A02 Heavy metal(calculated as Pb) (4% Acetic acid, 60°C, 30min)	Less than 1.0 ppm
B01 DBP (Heptane, 25°C, 1 hr)	not detected(detection limit 0.01%)
B02 DEHP (Heptane, 25°C, 1 hr)	not detected(detection limit 0.01%)
B03 Bis-Phenol A (Distilled water, 95°C, 30 min)	not detected(detection limit 0.03 ug/ml)
B04 Bis-Phenol A (4% Acetic acid, 60°C, 30 min)	not detected(detection limit 0.03 ug/ml)

Test Description :

1. Testing Period : 7 Mar 2011 to 21 Apr 2011
2. Test Method :
 - 2.1 Test items A01~A02
 - 2.1.1 Test items A01 and A02 were carried out with reference to CNS12221(1988) section 2.
 - 2.2 Test items B01~B04
 - 2.2.1 Test items B01 and B02 were carried out with reference to CNS12221(1988).
 - 2.2.2 Test items B03 and B04 were carried out with reference to CNS11348(2009).
 - 2.2.3 Test items B01 and B02 were tested by gas chromatography (instrument S/N:110-3101103-97-9).
 - 2.2.4 Test items B03 and B04 were tested by HPLC (instrument S/N:110-3101103-97-10).
 - 2.3 Test Location:4 Chinan Road, Section 1, Taipei, 100, Taiwan
3. In case of any questions concerning this report, please contact the Chemical Testing Section of Sixth Division at TEL : 886-2-23431872 , FAX : 886-2-23431870

※Note :

1. The following statement in brackets was added according to the applicant's



BUREAU OF STANDARDS, METROLOGY & INSPECTION
MINISTRY OF ECONOMIC AFFAIRS
REPUBLIC OF CHINA

Application : 9A300000349

Applicant : CHANG YOUNG PLASTICS CO., LTD

Product : PLASTIC WATER BOTTLE(PCTG)(Tritan)

Specifications : PCTG(Tritan)

Model : (NULL)

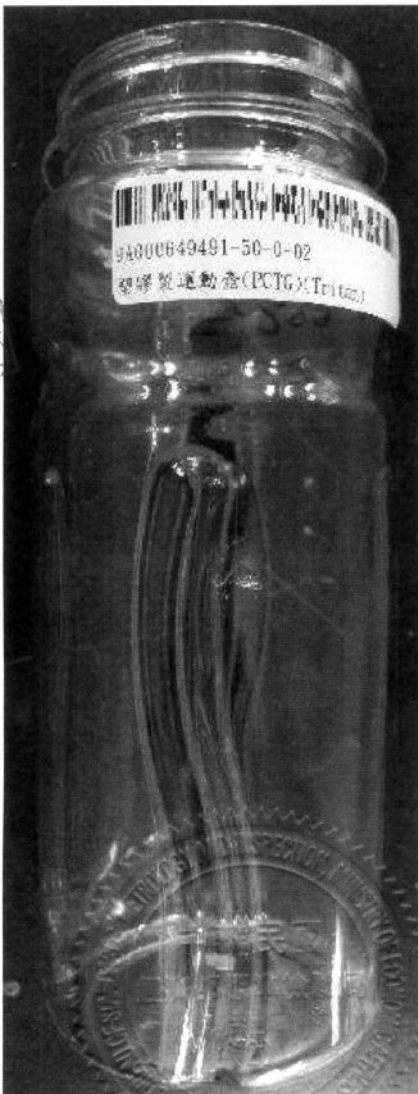
Application Date : 7 Mar 2011

Completion Date : 2 May 2011

request. (sample drawn by : CHANG YOUNG PLASTICS CO., LTD.)

2. The number of testing sample is six.

3. The data of sample is provided by the applicant. The Chemical Testing Section is only responsible to test the sample.



(Blank Below)